## U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO. 51813/8:1

APPLICATION NO.

INFORMATION DISCLOSURE CITATION (Uses several sheets if necessary)

APPLICANT

Steven William Doane and William McKee

Doane

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### U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER						DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
_ #t	AA	4	4	8	3	9	5	0	11/20/84	Fanta et al.	524	48	
	AB	4	1	9	4	9	9	8	3/25/80	Fanta et al.	260	17.4 GC	
	AC	4	1	3	4	8	6	3	1/16/79	Fanta et al.	260	17.4 GC	
	AD	3	9	9	7	4	8	4	12/14/76	Weaver et al.	260	17.4 GC	
	AE	3	9	8	5	6	1	6	10/12/76	Weaver et al.	195	63	-
	AF	3	9	8	1	1	0	0	9/21/76	Weaver et al.	47	58	
/	AG	3	9	3	5	0	9	9	1/27/76	Weaver et al.	210	43	
<i>y</i>	AH	4	0	7	6	6	6	3	2/28/1978	Masuda et al.	260	17.4 GC	

#### FOREIGN PATENT DOCUMENTS

EXAMINER		DOCUMENT					TRANSLATION	
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### OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

tt	AJ	"Absorbent Polymers from Starch and Flour Through Graft Polymerization of Acrylonitrile and Comonomer Mixtures," by G. F. Fanta, R. C. Burr, W. M. Doane, and C. R. Russell, Northern Regional Research Laboratory, Agricultural Research Service, U. S. Department of Agriculture, Peoria, Illinois 61604; Starch/Stärke 30 (1978) Nr. 7, S. 237-242.
	AK	"Swelling and Rheology of Saponified Starch-g-Polyacrylonitrile Copolymers. Effect of Starch Granule Pretreatment and Grafted Chain Length," by N. W. Taylor, G. F. Fanta, W. M. Doane, and C. R. Russell, Northern Regional Research Center, Agricultural Research Service, U. S. Department of Agriculture, Peoria, Illinois 61604; Journal of Applied Polymer Science, Vol. 22, 1343-1357 (1978).
	AL	"A Practical Process for the Preparation of Super Slurper, a Starch-Based Polymer with a Large Capacity to Absorb Water," by M. O. Weaver, R. R. Montgomery, L. D. Miller, V. E. Sohns, G. F. Fanta, and W. M. Doane, Northern Regional Research Center, Agricultural Research Service, U. S. Department of Agriculture, Peoria, Illinois 61604 (USA); Die Stärke 29, Jahrg. 1977 / Nr. 12, S. 410-413.
	AM	"Graft Copolymers of Starch-Polyacrylonitrile Prepared by Ferrous Ion-Hydrogen Peroxide Initiation," by Edward I. Stout, Donald Trimnell, William M. Doane, and Charles R. Russell, Northern Regional Research Center, Agricultural Research Service, U. S. Department of Agriculture, Peoria, Illinois 61604; Journal of Applied Polymer Science, Vol. 21, 2565-2573 (1977).
	AN	"Rheology of a Cellulose Graft Copolymer. Comparison with Other Closely Packed Gel Thickeners," by N. W. Taylor and E. B. Bagley, Northern Regional Research Laboratory, Agricultural Research Service, Peoria, Illinois 61604; Journal of Applied Polymer Science, Vol. 21, 1607-1613 (1977).
V	AO	"Tailoring Closely Packed Gel-Particle Systems for Use as Thickening Agents," by N. W. Taylor and E. B. Bagley, Northern Regional Research Laboratory, Agricultural Research Service, U. S. Department of Agriculture, Peoria, Illinois 61604; Journal of Applied Polymer Science, Vol. 21, 113-122 (1977).

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	"Starch-Polyacrylonitrile Copolymers. Properties of Hydrogels," by E. B. Bagley and N. W. Taylor, Northern Regional Laboratory, Agricultural Research Service, U. S. Department of Agriculture, Peoria, Illinois 61604; I&EC Product Research Development," Vol. 14, Page 105, June 1975.									Regional Res luct Research	earch 1 &	
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	CD	Russell	l, <i>Nort</i>	hern Re	gional Research L	Reaction between Cerium(IV) and Star aboratory, Agricultural Research Serv pp. 711-716 (1971).	ch," by L. A. Gugl vice, U. S. Departm	iemelli, M. O. V	Veaver and ( re, Peoria,	C. R.			
	CE	Conditi of the N Peoria,	"Copolymers of Starch and Polyacrylonitrile. Influence of Granule Swelling on Copolymer Composition under Various Reaction Conditions," by George F. Fanta, Robert C. Burr, C. R. Russell, and C. E. Rist, Northern Regional Research Laboratory, a laboratory of the Northern Utilization Research and Development Division, Agricultural Research Service, U. S. Department of Agriculture, Peoria, Illinois 61604; J. Macromol. SciChem., A4(2), pp. 331-339 (1970).										
	CF	Russell Divisio Jan., 19	"Modification of Wheat Starch by Initiating Systems Used for Graft Polymerization," by George F. Fanta, Robert C. Burr, C. R. Russell, and C. E. Rist, Northern Regional Research Laboratory, a laboratory of the Northern Utilization Research and Development Division, Agricultural Research Service, U. S. Department of Agriculture, Peoria, Illinois 61604; Reprinted from Cereal Chemistry, Jan., 1970, Vol. 47, No. 1, pp. 85-91.										
	CG	M. O. \ Develo	"Base-Hydrolyzed Starch-Polyacrylonitrile (S-PAN) Graft Copolymer. S-PAN-1:1, PAN M. W. 794,000," by L. A. Gugliemelli, M. O. Weaver, C. R. Russell, and C. E. Rist, Northern Regional Research Laboratory, Northern Utilization Research and Development Division, Agricultural Research Service, U. S. Department of Agriculture, Peoria, Illinois 61604; Journal of Applied Polymer Science, Vol. 13, pp. 2007-2017 (1969).										
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